

### Abstract

The present invention provides a method of scheduling packet in a wireless telecommunication system, in which the user packet queues to be transmitted are divided into the user packet queues with lost packet and the user packet queues without lost packet; for the user packet queues with lost packet, if a real time lost ratio of packet for the user exceeds a predetermined lost ratio threshold of packet, terminate a connection to the user; if the real time lost ratio of packet for the user does not exceed the predetermined lost ratio threshold of packet, schedule the user packet queues according to a volume of the lost ratio of packet; for the user packet queues without lost packet, schedule according to packet lengths, channel quality states, time delays and time delay jitters. The present invention decreases the packet lost ratio by giving priority to scheduling users with high packet lost ratio under the condition of existing a certain extent of packet lost, takes the requirements of user packet service sensitive to the time delay jitter into full consideration, and controls the time delay jitter to maintain invariable, therefore improves the telecommunication quality of those users.